

REMARKS

Introduction

Claims 1-27 were pending in this application.

Claims 19-21 are rejected under 35 U.S.C. §112, first paragraph as failing to comply with the written description requirement.

Claims 1, 2, 12, and 22 are rejected under 35 U.S.C. §102(e) as being anticipated by Myers, Jr. et al. U.S. Patent No. 6,584,163 (hereinafter "Myers").

Claims 16 and 18 are rejected under 35 U.S.C. §102(e) as being anticipated by Venkata et al. U.S. Patent Application No. 2003/0052709 (hereinafter "Venkata").

Claims 13-15 are rejected under 35 U.S.C. §103(a) as being obvious over Myers in view of in view of Kim et al. U.S. Patent Application No. 2004/0161067 (hereinafter "Kim").

Claims 3-11, 17, and 23-27 are objected to as being dependent upon rejected base claims, but would be allowable if rewritten in suitable independent form.

Applicants' Reply to the 35 U.S.C. §112 Rejection

The Examiner rejected claims 19-21 under 35 U.S.C. §112, first paragraph as failing to comply with the written description requirement. In particular, the Examiner

contends that the term "printed circuit board" recited in these claims has not been taught in the specification of the instant application.

While applicants do not agree with this rejection, in an effort to advance prosecution applicants' have amended these claims to change the term "printed circuit board" to "circuit board." FIG. 9 and pages 22-24 of applicants' originally filed specification describe the applicants' claimed programmable logic resource implemented on a circuit board. Accordingly, applicants respectfully request that this rejection be withdrawn.

Applicants' Reply to the Prior Art Rejections

The Examiner rejected claims 1, 2, 12, and 22 under 35 U.S.C. §102(e) as being anticipated by Myers. The Examiner rejected claims 16 and 18 under 35 U.S.C. §102(e) as being anticipated by Venkata. The Examiner rejected claims 13-15 under 35 U.S.C. §103(a) as being obvious over Myers in view of in view of Kim.

Applicants note with appreciation the indication of allowable subject matter in claims 3-11, 17, and 23-27.

Applicants have amended independent claims 1, 16, and 22 to include the features of claims 3, 17, and 23,

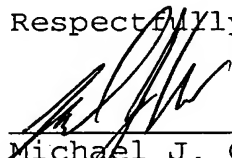
respectively, that the Examiner indicated to be allowable. Applicants have also amended claims 4 and 24 to correct claim dependencies and cancelled claims 3, 17, and 23 without prejudice. No new matter is added and the amendments are fully supported and justified by the specification.

Applicants respectfully submit that independent claims 1, 16, and 22 are therefore in condition for allowance. Claims 2, 4-15, 18-21, 24-27, which depend from directly or indirectly from independent claims 1, 16, and 22 are also in condition for allowance.

Conclusion

In view of the foregoing, claims 1, 2, 4-16, 18-22, and 24-27 are patentable. This application is therefore in condition for allowance.

Respectfully submitted,



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